

# Converting Colors

Hex(BB6DE8)

Have a look what the booklet for  
Hex(BB6DE8) contains.

<b>Hex(BB6DE8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**BB6DE8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB6DE8
RGB	187, 109, 232
RGB Percent	73%, 43%, 91%
CMY	0.2667, 0.5725, 0.0902
CMYK	0.19, 0.53, 0.00, 0.09
HSL	278°, 73%, 67%
HSV	278°, 53%, 91%
XYZ	40.5276, 27.3283, 79.4828
YIQ	146.3440, 7.0050, 54.7890

# Conversions

## Conversions Part 2

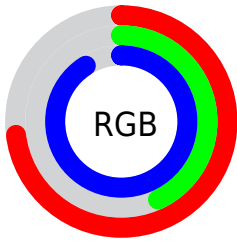
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 109, 232
Decimal	12283368
CIELab	59.28, 51.87, -50.29
CIElCh	59, 72.245, 315.882
Yxy	27.3283, 0.2751, 0.1855
Android (android.graphics.Color)	4290473448 (0xFFBB6DE8)
YUV	146.3440, 42.2284, 35.6553
Hunter-Lab	52.2764, 46.8995, -53.5529

# Details

The Hex color **BB6DE8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9AE86D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F5A3FF**, and **8339B0** is the 20% darker color. If you saturate the color by 10%, you get **B356E8**, and if you desaturate by 10%, it is **C384E8**.

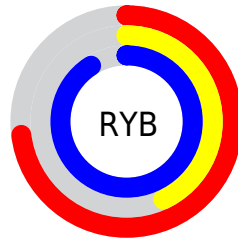
# Distribution



Red (73%)

Green (43%)

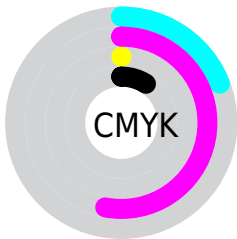
Blue (91%)



Red (73%)

Yellow (43%)

Blue (91%)

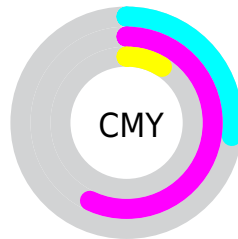


Cyan (19%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (57%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6DE8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BB6DE8 by changing the saturation by 10% instead.



 BB6DE8

 BB6DE8

FFFFFF

 9F53CC

 F5A3FF

 8339B0

 FFBFFF

 671D95

 FFDBFF

 4C007A

 FFF8FF

 310061

 190048

 000031

 00011B

 000000

 BB6DE8

 BB6DE8

 B356E8

 C384E8

 AA3FE8

 CC9BE8

 A227E8

 D4B3E8

 9910E8

 DDCAE8

 9300E8

 E5E1E8

 EE8E8E

 F6FFE8

 FFFFE8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3E8BFF



BB6DE8



F14FAF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BB6DE8



C48100



00ABB0

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BB6DE8



9AE86D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A96D



BB6DE8



8C9600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BB6DE8



ED6434



3CA32C



00A9E9

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BB6DE8



FE4885



3CA32C



00AB9A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BB6DE8



F0D6FF



6D9AE8



776780



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BB6DE8



C35CFF



E86DD8



6F6773



7100B3



200033



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E86D9A



FF5C98



6DE87D



73676B



B30041

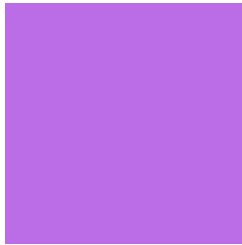


330013



# Previews

## White Background



This preview shows how the Hex color BB6DE8 looks on a white background.

## Color Contrast Check

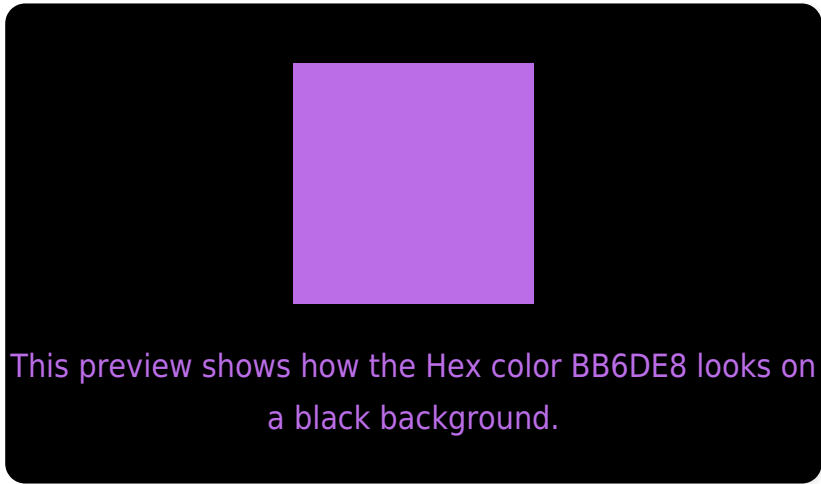
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

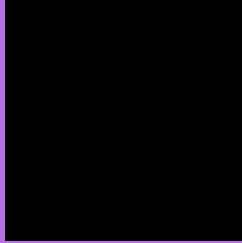
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB6DE8 Background



This preview shows how black text looks on a background with the Hex color BB6DE8.



This preview shows how white text looks on a background with the Hex color BB6DE8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
AD848E

# Trichromacy



**Original Color**  
BB6DE8



**Protanomaly**  
7C80F7



**Deuteranomaly**  
8283E4



**Tritanomaly**  
B27CAF

# Monochromacy



**Original Color**  
BB6DE8



**Achromatopsia**  
929292



**Achromatomaly**  
A185B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6DE8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BB6DE8 looks like.

```
.text, #text, p{  
    color:#BB6DE8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BB6DE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6DE8
}
```

## Border

The CSS property to change the border of an element to Hex BB6DE8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB6DE8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BB6DE8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BB6DE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6DE8; -webkit-box-shadow:4px 4px  
4px 4px #BB6DE8; box-shadow:4px 4px 4px  
4px #BB6DE8 }
```

# Background

The CSS property to change the background color of an element to Hex BB6DE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6DE8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BB6DE8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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